

L Number	Hits	Search Text	DB	Time stamp
-	130771	(tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll ((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll) with (wellbore or (well near3 bore))	USPAT; US-PGPUB	2004/01/30 10:29
-	47	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll) with (wellbore or (well near3 bore))) same (longitud\$6 or plate or lamb)	USPAT; US-PGPUB	2004/01/29 10:35
-	2	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll) with (borehole or (hole near3 bore))	USPAT; US-PGPUB	2004/01/29 10:30
-	188	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll) with (bulk near3 acoustic)	USPAT; US-PGPUB	2004/01/29 10:35
-	20927	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll or (bulk near3 acoustic)) same (longitud\$6 or plate or lamb)	USPAT; US-PGPUB	2004/01/29 10:58
-	1436	((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll or (bulk near3 acoustic)) same (longitud\$6 or plate or lamb)) same (deposit\$6 or settling\$6 or mass)	USPAT; US-PGPUB	2004/01/29 10:58
-	9	((((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll or (bulk near3 acoustic)) same (longitud\$6 or plate or lamb)) same (deposit\$6 or settling\$6 or mass)) same frequency) same fluid	USPAT; US-PGPUB	2004/01/29 10:59
-	408	((((tuning near3 fork) or microbalance or (micro adj balance) or qcm or resonator or saw or baw or (surface near3 acoustic) or (phase near3 lock) or pll or (bulk near3 acoustic)) same (longitud\$6 or plate or lamb)) same (deposit\$6 or settling\$6 or mass)) same frequency	USPAT; US-PGPUB	2004/01/29 12:11
-	12	4905701.URPN.	USPAT	2004/01/29 12:05
-	4	088752.ap.	USPAT; US-PGPUB	2004/01/29 12:11
-	1217	mass.ti. and 73\$.ccls.	USPAT; US-PGPUB	2004/01/29 12:27
-	9775	(73/570-670).CCLS.	USPAT; US-PGPUB	2004/01/29 12:27
-	49	(mass.ti. and 73\$.ccls.) and ((73/570-670).CCLS.)	USPAT; US-PGPUB	2004/01/29 12:27
-	41	5201215.URPN.	USPAT	2004/01/29 12:29

	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or (US-20030151408-\$ or US-20020178805-\$ or US-20030101822-\$ or US-20020121906-\$ or US-20010045829-\$ or US-20030194697-\$ or US-20030160194-\$ or US-20030127944-\$ or US-20020023493-\$).did.	USPAT; US-PGPUB	2004/01/29 14:33
	45	"6182499"	USPAT; US-PGPUB	2004/01/29 14:31
	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or (US-20030151408-\$ or US-20020178805-\$ or US-20030101822-\$ or US-20020121906-\$ or US-20010045829-\$ or US-20030194697-\$ or US-20030160194-\$ or US-20030127944-\$ or US-20020023493-\$).did.	USPAT; US-PGPUB	2004/01/29 14:33

	61	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or (US-20030151408-\$ or US-20020178805-\$ or US-20030101822-\$ or US-20020121906-\$ or US-20010045829-\$ or US-20030194697-\$ or US-20030160194-\$ or US-20030127944-\$ or US-20020023493-\$).did. ) and (well or wellbore or borehole or (bore near3 hole) or petroleum or oil)	USPAT; US-PGPUB	2004/01/29 14:34
	62	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or (US-20030151408-\$ or US-20020178805-\$ or US-20030101822-\$ or US-20020121906-\$ or US-20010045829-\$ or US-20030194697-\$ or US-20030160194-\$ or US-20030127944-\$ or US-20020023493-\$).did. ) and (well or wellbore or borehole or (bore near3 hole) or petroleum or oil or gas)	USPAT; US-PGPUB	2004/01/29 15:00

	23	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or (US-20030151408-\$ or US-20020178805-\$ or US-20030101822-\$ or US-20020121906-\$ or US-20010045829-\$ or US-20030194697-\$ or US-20030160194-\$ or US-20030127944-\$ or US-20020023493-\$).did. ) and (longitud\$8)	USPAT; US-PGPUB	2004/01/29 15:00
	390045	acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4	USPAT; US-PGPUB	2004/01/30 10:29
	5043	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit or deposition or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel)	USPAT; US-PGPUB	2004/01/30 10:50
	401	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit or deposition or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel)) and 73\$.ccls.	USPAT; US-PGPUB	2004/01/30 10:51
	68	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit or deposition or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel)) same ((resonance or natural or resonant) near5 (frequency))	USPAT; US-PGPUB	2004/01/30 10:42
	2099	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (settling or sand or impurities) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel)	USPAT; US-PGPUB	2004/01/30 10:41
	21	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (settling or sand or impurities) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel)) same ((resonance or natural or resonant) near5 (frequency))	USPAT; US-PGPUB	2004/01/30 10:47
	6955	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit\$6 or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel or oil or petroleum or petro)	USPAT; US-PGPUB	2004/01/30 10:46

-	20	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit\$6 or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel or oil or petroleum or petro) ) same ((resonance or natural or resonant) near5 (frequency)) not (((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit or deposition or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel) same ((resonance or natural or resonant) near5 (frequency)))	USPAT; US-PGPUB	2004/01/30 10:47
-	20680	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel) same (transducer or transmitter or transceiver or receiver)	USPAT; US-PGPUB	2004/01/30 10:55
-	499	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale or deposit\$6 or buildup or (build adj up)) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel or oil or petroleum or petro) ) and 73\$.ccls.	USPAT; US-PGPUB	2004/01/30 10:54
-	833	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel) same (transducer or transmitter or transceiver or receiver)) same (expos\$4 or situ)	USPAT; US-PGPUB	2004/01/30 10:56
-	40	(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or supersonic\$4 or supersound\$4) same (well or wellbore or bore or borehole or water or sea or barnacle or ship or vessel) same (transducer or transmitter or transceiver or receiver)) same (expos\$4 or situ)) same (horn or coupler or waveguide or (wave adj guide))	USPAT; US-PGPUB	2004/01/30 10:56
-	3	4872345.URPN.	USPAT	2004/01/30 11:22
-	7	("3056284"   "3165923"   "3228232"   "3587299"   "4289031"   "4446736"   "4545248").PN.	USPAT	2004/01/30 11:25
-	8	3056284.URPN.	USPAT	2004/01/30 11:27
-	14	4286461.URPN.	USPAT	2004/01/30 11:32
-	4	("3603145"   "3648513"   "3776032"   "4130010").PN.	USPAT	2004/01/30 11:33